

WHAT IS CLAIMED IS:

1. A method comprising:
 - receiving capture data from a capture device, the capture data representing writings made on multiple copies of a paper form;
 - detecting shapes of the writings;
 - comparing the detected shapes with a plurality of shapes stored in memory in association with a logical set;
 - upon matching, designating to which of the multiple copies the matched detected shapes belong;
 - retrieving from memory data associated with the matched stored shapes; and
 - storing the retrieved data according to its designated copy as writing made on that designated copy.
2. The method of claim 1, wherein the capture data is a set of time ordered coordinates (x,y) of the writings on the copies.
3. The method of claim 1, wherein the capture data is a set of vector coordinates (x,y,t) of the writings on the copies.
4. The method of claim 1, wherein the capture data is captured simultaneously with the writings made on the multiple copies of the paper form.
5. The method of claim 1, wherein the logical set comprises the stored shapes corresponding to answers to a question on the paper form.
6. The method of claim 1, wherein the retrieved data includes answers to a questionnaire.

7. A method comprising:
 - receiving a set of coordinates from a capture device, the set of coordinates representing shapes made by a user on multiple pages of a paper form without the use of a graphical user interface; and
 - mapping each shape to a questionnaire answer on a different one of the multiple pages.
8. The method of claim 7, further comprising:
 - detecting the shapes from the set of coordinates.
9. The method of claim 7, wherein the set of coordinates indicates when and where the set of marks was made.
10. The method of claim 7,
 - wherein the paper data form is attached to the capture device, the data form including the multiple pages and a plurality of boxes, each box having a unique shape and corresponding to a questionnaire answer.
11. The method of claim 10, wherein each of the shapes is made by filling in one of the boxes.
12. The method of claim 11, further comprising:
 - identifying the multiple pages, including
 - receiving multiple sets of coordinates corresponding to the same data,
 - determining the order in which the multiple sets of coordinates was captured by the capture device, and
 - assigning each set to a different one of the multiple pages in the determined order.

13. The method of claim 11, further comprising:
 - discarding a mistakenly filled-in box, including
 - receiving the set of coordinates corresponding to the mistakenly filled-in box and the set of coordinates corresponding to a cross-out line,
 - determining that the cross-out line was drawn across the mistakenly filled-in box on the paper form, and
 - eliminating the set of coordinates corresponding to the mistaken filled-in box and the set of coordinates corresponding to the cross-out line.
14. The method of claim 10, wherein each of the shapes is made by tracing the perimeter of one of the boxes.
15. The method of claim 7, wherein the mapping includes:
 - retrieving from memory predefined shapes expected to be on the capture device;
 - comparing the indicated shapes to the predefined shapes;
 - determining which of the predefined shapes match the indicated shapes;
 - determining on which page each of the indicated shapes belongs based on the match; and
 - storing the questionnaire answers corresponding to the determined predefined shapes on the determined pages.
16. The method of claim 15, further including:
 - receiving an identification of the paper data form; and
 - retrieving from memory the predefined shapes based on the identification.

17. A system, comprising:
 - a memory;
 - a processor in communication with the memory, the processor executing a set of instructions to:
 - receive capture data corresponding to a set of marks made on multiple copies of a questionnaire attached to a capture device, and
 - map the capture data to a questionnaire answer on each of the multiple copies.
18. The system of claim 17, wherein the capture data indicates when and where the set of marks was made on the questionnaire and to which of the multiple copies the set of marks corresponds.
19. The system of claim 17, wherein the set of marks indicates a plurality of shapes.